

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-20. (Cancelled)

Claim 21. (Currently Amended) A multi-stroke fluid cylinder comprising:

- a) a first positioning system comprising a cylindrical housing having a plurality of fluid openings and containing having a plurality of ~~moveable~~ moveable pistons for moving a positioning member ~~having a piston rod~~ a preselected distance, each said moveable piston comprising at least one slot extending in the direction of movement of the pistons and a channel along its face for delivering fluid from said fluid openings in said cylindrical housing to between adjacent pistons, and a plurality of fluid channels for delivering a fluid between respective adjacent pistons of said first positioning system; and
- b) a second positioning system including:
  - i) at least one moveable piston for moving the positioning member a preselected distance, said at least one moveable piston of said second positioning system being independently moveable relative to said pistons of said first positioning system; and
  - ii) at least one fluid supply member for introducing a fluid at a first pressure against said at least one piston of said second positioning system, said at least one fluid supply member of said second positioning system extending through at least one piston of said first positioning system.

22. (Currently Amended) The multi-stroke cylinder according to claim 21 wherein ~~said first positioning system includes a cylindrical housing containing said plurality of first positioning~~

~~system pistons, said cylindrical housing having a plurality of fluid openings, each said opening of said cylindrical housing is being~~ in fluid communication with the slot of an opening in a respective one of said first positioning system pistons.

23. (Cancelled).

24. (Original) The multi-stroke cylinder according to claim 22 wherein said cylindrical housing includes an inner wall and an outer wall; and each of said first positioning system pistons includes a seal for engaging the inner wall of said cylindrical housing for preventing the passage of fluid therebetween.

25. (Currently Amended) The multi-stroke cylinder according to claim 22 wherein said second positioning system includes a cylinder containing said ~~plurality of~~ at least one second positioning system ~~piston pistons~~, at least a portion of said second positioning system cylinder being positioned within said cylindrical housing of said first positioning system.

26. (Original) The multi-stroke cylinder according to claim 25 wherein each said piston of said second positioning system includes a seal for engaging an inner surface of said cylinder.

27. (Currently Amended) The multi-stroke cylinder according to claim 21 further comprising at least one ~~wherein each said~~ stroke limiting member ~~includes including~~ a fluid inlet through which fluid can be introduced into ~~a respective one of~~ said at least one fluid supply ~~member members~~.

28. (Currently Amended) The multi-stroke cylinder according to claim 27 wherein said at least one fluid supply member comprises an elongated tube ~~members are concentric tubular members~~.

29. (Currently Amended) The multi-stroke cylinder according to claim 27 wherein said second positioning system comprises a plurality of moveable pistons and said at least one fluid supply member comprises a plurality of fluid supply members ~~include~~ comprised of a plurality of concentrically positioned tubular members that each extend between a respective one of said stroke limiting members and a respective one of said second positioning system pistons so that each tubular member forms a fluid channel between the fluid inlet of a respective one of said stroke limiting members and a respective one of said second positioning system pistons.

30. (Original) The multi-stroke cylinder according to claim 29 wherein said second positioning system pistons each include at least two parts secured to one another with a terminal end of a respective one of said tubular members being secured between said at least two parts.

31. (Original) The multi-stroke cylinder according to claim 30 wherein each said terminal end is flared to fit between said at least two parts of a respective one of said second positioning system pistons.

32. (Original) The multi-stroke cylinder according to claim 31 wherein said stroke limiting members each have at least two parts; and each said tubular member includes a second terminal end secured between said at least two parts of a respective one of said stroke limiting members.

33. (Currently Amended) The multi-stroke cylinder according to claim 21 wherein ~~further including the positioning member~~, said positioning member has ~~having~~ a piston rod attached to ~~one of said pistons~~ said at least one piston of said second positioning system adjacent ~~said a~~ head assembly.

34. (Original) The multi-stroke cylinder according to claim 33 wherein said piston rod extends through said head assembly.

35. (Original) The multi-stroke cylinder according to claim 34 wherein one or more stroke limiting shafts are secured to the piston of said second positioning system adjacent said piston to which said piston rod is attached; and said limiting shafts extend through said piston to which the piston rod is attached.

36. (Original) The multi-stroke cylinder according to claim 21 wherein said first positioning system includes a plurality of rods contacting said second positioning system for imparting movement thereto.

37. (Original) The multi-stroke cylinder according to claim 21 wherein said pistons of said first positioning system are each tethered to at least one immediately adjacent piston.

Claims 38-51. (Cancelled)

52. (Currently Amended) A multi-stroke fluid cylinder comprising:

- a) a cylindrical housing having an inner wall including a plurality of spaced openings for delivering fluid at predetermined locations within said housing and an outer wall;
- b) ~~a head assembly positioned proximate one end of said housing~~ a fluid introduction plate positioned at a first end of said housing, said fluid introduction plate comprising a plurality of fluid introduction openings through which fluid can enter said multi-stroke cylinder, each said fluid introduction opening of said plate being in fluid communication with a respective one of said openings in said inner wall of said housing; and
- c) a positioning system comprising:
  - i) a plurality of movable pistons located within said housing for moving a piston rod a preselected distance, said pistons each having a length that extends substantially parallel to the length of the cylindrical housing; and
  - ii) ~~a plurality of fluid supply members for introducing a fluid between adjacent pistons, said fluid supply members having different lengths and extending parallel to the length of the moveable pistons; and~~
  - iii) ~~ii)~~ an additional a fluid supply and tethering member including a hollow cylindrical portion member extending within said housing and through a center of a plurality of said moveable pistons within said housing for delivering the fluid between two of said pistons.

Claims 53-60. (Cancelled)

61. (Previously Presented) The multi-stroke fluid cylinder of claim 21 further comprising a plurality of tethering members securing together respective adjacent pistons of the first

positioning system so that the movement between adjacent pistons of said first positioning system is limited.

62. (Previously Presented) The multi-stroke fluid cylinder of claim 52 further comprising a plurality of tethering members securing together respective adjacent ones of said pistons so that the movement between the respective adjacent ones of said pistons is limited.

63. (New) The multi-stroke fluid cylinder of claim 52 wherein said fluid supply and tethering member includes openings for delivering fluid between two of said pistons proximate a second end of said housing.

64. (New) The multi-stroke fluid cylinder of claim 52 further comprising a plurality of fluid supply members for introducing a fluid between adjacent pistons, said fluid supply members having different fluid delivery lengths.

65. (New) The multi-stroke fluid cylinder of claim 64 wherein the fluid supply members each extend from said plate along the housing to a respective one of the openings in the inner wall of said housing.

66. (New) A multi-stroke fluid cylinder comprising:

a) a housing comprising an inner elongated wall including a plurality of spaced openings for delivering fluid at predetermined locations within said housing;

b) a fluid introduction plate positioned at a first end of said housing, said fluid introduction plate comprising a plurality of fluid introduction openings through which fluid can

enter said multi-stroke cylinder, each said fluid introduction opening of said plate being in fluid communication with a respective one of said openings in said inner wall of said housing; and

c) a positioning system comprising a plurality of moveable pistons located within said housing for moving an elongated member at a second end of said housing a preselected distance, and a plurality of tethering members securing together respective adjacent ones of said moveable pistons to limit movement between the respective adjacent ones of said pistons.

67. (New) The multi-stroke fluid cylinder of claim 66 further comprising a plurality of fluid supply members each extending from said plate along the housing to a respective one of the openings in the inner wall of said housing.

68. (New) The multi-stroke fluid cylinder of claim 67 wherein said fluid supply members each have different fluid communication lengths.